

PRODUCTS

PRODUCT SHOWPLACE

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A Water Heater

The SUPERTHERM indirect steam and boiler water-fired semi-instantaneous water heater from *Diversified Heat Transfer*, Towaco, N.J., is custom engineered for tight installations where high recovery capacity is required.

www.info.hotims.com/44637-151

B Semi-Hermetic Compressor

GEA Refrigeration Technologies, Bochum, Germany, introduces the GEA Bock HG46 CO₂ T semi-hermetic, six-cylinder compressor for transcritical CO₂ applications with operating pressures of up to 130 bar (13 000 kPa). It features a displacement of 21.8 m³/h to 30.2 m³/h (770 ft³/h to 1070 ft³/h).

www.info.hotims.com/44637-152

Condensing Boiler Technology Catalog

ebm papst, Farmington, Conn., offers a condensing boiler technology catalog that presents a variety of options for efficient premix combustion applications. The online catalog contains information about the company's product offerings.

www.info.hotims.com/44637-153

C Redundant Drives

ACH550 Redundant Drives from *ABB*, New Berlin, Wis., consist of a pair of ABB ACH550 drives integrated into a NEMA-rated enclosure. The redundant drives feature single-point control connections, which eliminate the need to duplicate control wiring to primary and secondary systems.

www.info.hotims.com/44637-154

D Fire Suppression System

Victaulic, Easton, Pa., introduces the Vortex 500 fire suppression system, designed for information technology spaces. The system uses water and nitrogen in a combined suspension to cool the hazard area and remove the oxygen that sustains the fire using high velocity and low pressure.

www.info.hotims.com/44637-155

Packaged AC

The M50A modular packaged air-conditioning system from *Coolerado*, Denver, features the company's indirect evaporation system, which provides significantly greater efficiency compared to conventional AC units without using chemical refrigerants. The system is designed to add no moisture to conditioned air.

www.info.hotims.com/44637-156

Flow Meters

Noncontact Meters, Kennesaw, Ga., announces the NCMP-603 line of portable flow meters. The product is a clamp-on, noninvasive handheld meter that uses transit-time technology to measure a liquid flow from the outside of a pipe.

www.info.hotims.com/44637-157

Unitary Control

Milwaukee-based *Johnson Controls* introduces the Simplicity Intelli-Comfort II unitary control. It features variable air volume (VAV) technology using a variable frequency drive (VFD) and the company's new IntelliSpeed multiple-speed airflow control technology.

www.info.hotims.com/44637-158

Permanent Magnet Motor

CES Group, Minneapolis, offers the FANWALL PM brushless permanent magnet motor. The 2 horsepower to 6 horsepower (1.5 kW to 4.5 kW) motor is designed to be more efficient in variable torque/variable speed fan applications than conventional NEMA Premium-rated induction motors.

www.info.hotims.com/44637-159

Pump System

The SelfSensing Series with ProBalance from *Taco*, Cranston, R.I., integrates Taco KV or KS pumps with a variable frequency drive. The pumps simplify system balancing for constant flow central plant applications and variable flow building distribution applications.

www.info.hotims.com/44637-160

Rooftop Units

The six models in the WeatherExpert series of commercial rooftop units from *CARRIER*, Syracuse, N.Y., are available in capacities from 3 tons to 150 tons (10.6 kW to 528 kW). The models feature double-wall foam panel cabinet design.

www.info.hotims.com/44637-161



A
Water Heater
By Diversified Heat Transfer



B
Semi-Hermetic Compressor
By GEA Refrigeration Technologies



C
Redundant Drive
By ABB



D
Fire Suppression System
By Victaulic

Motor Starters

Greenheck, Schofield, Wis., offers a line of motor starters with SmartStart Technology. The technology provides protection to prolong the life of high-efficiency fan motors, interfaces with building management systems, and provides locked rotor detection and stall prevention.

www.info.hotims.com/44637-162

Exhaust Fans

Continental Fan, Buffalo, N.Y., introduces the CEF line of ceiling or in-line mount exhaust fans, designed for commercial ventilation applications. The fans feature a low-profile grille and an integral backdraft damper for smooth, quiet and efficient operation.

www.info.hotims.com/44637-163